Exactly of the build of *L. infuscata*, Er., and differing only in the following respects :—More or less of the base of the antennæ is dark, the head and thorax are much more finely and obsoletely punctured and very distinctly coriaceous ; the elytra are rather more finely punctured ; the abdomen is uniformly black, the posterior margins of the segments not lighter.

♂. Fifth ventral segment with a small obtuse emargination of the posterior border.

Jamaica. Type in my collection.

Note on the Genus *Micranops*.

On page 350 of the first part of this paper* the above genus was characterised, and the tongue was described as acuminate ; this is incorrect, and the following should be substituted for the description of the mouth-parts there given :—Tongue broad, divided nearly to the base into three pointed lobes, of which the lateral are a little longer than the central one. Paraglossæ well-marked, strongly ciliate. Labial palpi 3-jointed, the first joint very short, a little broader than long, the second moderate, gradually thickened towards the apex, the third much narrower than the preceding and about half as long, cylindrical, the apex rounded. Inner lobe of the maxilla much wider than the outer, both closely ciliated.

XLII.—*A Revision of the Genera of the Family* Liparidæ. By Colonel C. Swinhoe, M.A., F.L.S., F.Z.S., F.E.S., Member of the Entomological Society of France and of the Bombay Natural History Society.

[Continued from p. 304.]

774. *Orgyia brunnescens.*

Dasychira brunnescens, Moore, Lep. Atk. p. 57 (1879).

Type, Sikkim, in B.M.

775. *Orgyia virescens.*

Cadrusia virescens, Moore, *l. c.* p. 54, pl. iii. fig. 16.

Type, ♀, Darjiling, in B.M.

* Ann. & Mag. Nat. Hist. (8) xii. (1913).

776. *Orgyia strigata.*

Dasychira strigata, Moore, *l. c.* p. 58; Swinhoe, Trans. Ent. Soc. 1903, p. 475 (note); Wileman, ibid. 1911, p. 271.
Dasychira niveosparsa, Butler, Ill. Het. v. p. 59, pl. xci. fig. 7 (1881).

Type, ♀, Masuri; type, ♀, *niveosparsa*: both in B.M. Khasia Hills; Japan.

777. *Orgyia taiwana.*

Dasychira taiwana, Wileman, Entom. liii. p. 311 (1916).
Dasychira multilineata, Swinhoe, Ann. & Mag. Nat. Hist. (8) xx. p. 160 (1917).

Type, Formosa, in Coll. Wileman; type, ♂, *multilineata*, Arr-San, Formosa, in Coll. Swinhoe.

778. *Orgyia gwelila.*

Dasychira gwelila, Swinhoe, Trans. Ent. Soc. 1903, p. 469.

Type, ♂, Gwelila, B.E. Africa, in B.M.

779. *Orgyia sublunata.*

Dasychira sublunata, Rothschild, Journal of the F.M.S. Mus. p. 132 (1920).

W. Sumatra.

780. *Orgyia albibasalis.*

Ilema albibasalis, Holland, Psyche, vi. p. 470 (1893).

Type, ♂, Ogove River, in Coll. Holland.

781. *Orgyia gabunica.*

Euproctidion gabunica, Holland, *l. c.* p. 414, pl. x. fig. 19.

Type, ♂, Ogove River, in Coll. Holland.

782. *Orgyia gonophora.*

Ilema gonophora, Holland, *l. c.* p. 470, pl. xvii. fig. 1.
Lælia curvivirgata, Karsch, Ent. Nachr. xxi. p. 372, pl. iv. fig. 6 (1895).

Type, ♂, Ogove River, in Coll. Holland; Cameroons.

783. *Orgyia albinotata.*

Thamnocera albinotata, Holland, *l. c.* p. 469.

Type, ♂, Ogove River, in Coll. Holland.

784. *Orgyia striata.*

Notohyba striata, Holland, *l. c.* p. 452, pl. xvii. fig. 28.
Dasychira striata, Swinhoe, Trans. Ent. Soc. 1903, p. 470 (note).

Type, ♂, Ogove River, in Coll. Holland.

785. *Orgyia brunneicosta.*

Ilema brunneicosta, Holland, *l. c.* p. 471, pl. xvii. fig. 10.

Type, ♂, Ogove River, in Coll. Holland.

786. *Orgyia horrida.*

Dasychira horrida, Swinhoe, *l. c.*

Type, ♂, Old Calabar, in B.M.

787. *Orgyia plagiata.*

Anaxila plagiata, Walker, iv. p. 810 (1855).

Type, ♂, without locality, in B.M.

788. *Orgyia varia.*

Dasychira varia, Walker, iv. p. 868 (1855); Swinhoe, Cat. Het. Mus. Oxon. i. p. 219 (1892) (note).
Dasychira maruta, Moore, Cat. Lep. E. I. Co. ii. p. 339 (1859); Butler, Ill. Het. v. p. 58, pl. xci. fig. 6 (1881).

Type, ♀ (nec ♂), India, in Mus. Oxon.; type, ♀ *maruta*, Darjiling, in B.M.; Subathu, Dalhousie.

789. *Orgyia pratti.*

Dasychira pratti, Bethune-Baker, Nov. Zool. xi. p. 406, pl. iv. fig. 7 (1904).

Type, Mt. Kebea, B. N. Guinea, in Coll. Bethune-Baker.

790. *Orgyia subnigra.*

Dasychira subnigra, Bethune-Baker, *l. c.* p. 404, pl. iv. fig. 41.

Type, Mt. Kebea, in Coll. Bethune-Baker; Mafalu, Ekeikei.

791. *Orgyia albescens.*

Dasychira albescens, Moore, Lep. Atk. p. 59 (1879).

Type, Darjiling. in Coll. Staudinger; Darjiling.

792. *Orgyia cinctata.*

Dasychira cinctata, Moore, *l. c.*

Type, Darjiling, in Coll. Staudinger.

793. *Orgyia ampliata.*

Dasychira ampliata, Butler, Ann. & Mag. Nat. Hist. (5) ii. p. 460 (1878).

Type, ♀, Madagascar, in B.M.

794. *Orgyia angulata.*

Dasychira angulata, Hampson, Trans. Ent. Soc. 1895, p. 292.

Type, ♂, Sikkim, in B.M.; Upper Burma, Khasia Hills, Jaintia Hills.

795. *Orgyia postfusca.*

Dasychira postfusca, Swinhoe, Trans. Ent. Soc. 1895, p. 9, pl. i. fig. 12, ♂; Swinhoe, Ann. & Mag. Nat. Hist. (8) xviii. p. 216 (1916), ♀.

Types, ♂ ♀, Khasia Hills, in B.M.; Jaintia Hills.

796. *Orgyia thwaitesi.*

Dasychira thwaitesi, Moore, Lep. Ceylon, ii. p. 98, pl. cxvi. figs. 1 *a*, *b* (1883); Cotes, Ind. Mus. Notes, i. p. 29, pl. iii. fig. 1 (1889).
Dasychira pudica, Moore, *l. c.* iii. p. 538 (1887).

Types, ♂ ♀, Ceylon, in B.M.; Trevandrum, Nilgiris, Java.

797. *Orgyia georgiana.*

Dasychira georgiana, Fawcett, Trans. Zool. Soc. xv. p. 314, pl. xlix. figs. 19–21 (1900).

Natal, Transvaal.

798. *Orgyia cerigoides.*

Janassa cerigoides, Walker, Journ. Linn. Soc. vi. p. 135 (1862).
Dasychira cerigoides, Swinhoe, Cat. Het. Mus. Oxon. i. p. 297, pl. vii. fig. 5 (1892).

Type, ♂, Sarawak, in Mus. Oxon.

799. *Orgyia grandidieri.*

Calliteara grandidieri, Butler, Cist. Ent. iii. p. 14 (1882).

Type, ♂, Madagascar, in B.M.

800. *Orgyia vibicipennis.*

Dasychira vibicipennis, Butler, Ann. & Mag. Nat. Hist. (5) iv. p. 239 (1879).

Types, ♂ ♀, Madagascar, in B.M.

801. *Orgyia gentilis.*

Dasychira gentilis, Butler, *l. c.*

Type, ♀, Madagascar, in B.M.

802. *Orgyia acrisia.*

Deiopeia (?) *acrisia*, Plotz, Stett. ent. Zeit. xli. p. 83 (1880).
Dasychira crausis, Druce, P. Z. S. 1884, p. 228, pl. xvii. fig. 3, ♀.

Type, ♀, *crausis*, Lower Niger, in Coll. Joicey.

803. *Orgyia elegans.*

Calliteara elegans, Butler, Cist. Ent. iii. p. 13 (1882).

Type, ♀, Madagascar, in B.M.

804. *Orgyia dudgeoni.*

Dasychira dudgeoni, Swinhoe, *l. c.* xix. p. 203 (1907).

Types, ♂ ♀, Sikkim, in B.M.; Khasia Hills.

805. *Orgyia cymata.*

Dasychira cymata, Swinhoe, *l. c.* p. 204.

Type, ♂, Sikkim, in B.M.; Darjiling.

806. *Orgyia perdix.*

Dasychira perdix, Moore, Lep. Atk. p. 58, pl. iii. fig. 3 (1859).

Type, Darjiling, in Coll. Rothschild.

807. *Orgyia albodentata.*

Dasychira albodentata, Brem. Lep. Ost-Sib. p. 102, pl. viii. fig. 13 (1864); Kirby, Cat. Moths, i. p. 483 (1892).

Kiachta, Ussori District.

808. *Orgyia umbra.*

Dasychira umbra, Roths. Journal of the F.M.S. Mus. p. 133 (1920).

W. Sumatra.

809. *Orgyia pastor.*

Calliteara pastor, Butler, Cist. Ent. iii. p. 15 (1882).

Types, ♂ ♀, Madagascar, in B.M.

810. *Orgyia ila.*

Dasychira ila, Swinhoe, Trans. Ent. Soc. 1904, p. 146.

Type, ♂, Obuassi, Ashanti, in B.M.

811. *Orgyia bergmanni.*

Dasychira bergmanni, Swinhoe, *l. c.* p. 145.

Type, ♂, Obuassi, Ashanti, in B.M.

812. *Orgyia grossa.*

Dasychira grossa, Pag. Jahrb. Nass. Ver. xli. p. 121 (1868).

Amboina.

813. *Orgyia fidjiensis.*

Dasychira fidjiensis, Mab. & Vieill. Nov. Lep. p. 5, pl. i. fig. 2 (1891).

Fiji.

814. *Orgyia mendosa.*

Olene mendosa, Hübner, Zutr. ii. p. 10, figs. 293, 294 (1823); Strand, *l. c.* pl. xxii. *d.*
Antipha basalis, Walker, iv. p. 806 (1855).
Nioda fusiformis, Walker, v. p. 1070 (1855).
Olene fusiformis, Moore, Lep. Ceylon, ii. p. 97, pl. cxv. fig. 3 (1883).
Rilia lanceolata, Walker, v. p. 1075.
Olene lanceolata, Butler, Ill. Het. v. pl. cvi. fig. 6 (1886).
Dasychira sawanta, Moore, Cat. Lep. E. I. Co. ii. p. 340 (1859).
Dasychira basalis, Walker, xxxii. p. 362 (1865) (præocc.).
Dasychira divisa, Walker, xxxii. p. 363, ♂.
Dasychira basigera, Walker, *l. c.*
Rilia distinguenda, Walker, xxxii. p. 435.
Olene basivitta, Walker, *l. c.* p. 436, ♀.
Turriga invasa, Walker, Char. Undescr. Lep. Het. p. 15, ♂ (1869).
Olene mendosa, Turner, Proc. Linn. Soc. N.S.W. xlv. (4) p. 496 (1920).

From various parts of India, Ceylon, Australia: type, *basalis*, India, in Mus. Oxon.; types of all the others in B.M.

815. *Orgyia tenebrosa.*

Dasychira tenebrosa, Walker, xxxii. p. 361 (1865); Strand, *l. c.* pl. xxii. *c.*

Types, ♂ ♀, Darjiling, in B.M.; Japan, W. China, Tibet.

816. *Orgyia chinensis.*

Dasychira chinensis, Swinhoe, Trans. Ent. Soc. 1903, p. 468 (note).

Types, ♂ ♀, Moupin, in B.M.; Ta-chien-lu, Kwei-chow.

817. *Orgyia catocaloides.*

Mardara catocaloides, Leech, Trans. Ent. Soc. 1899, p. 126.
Dasychira catocaloides, Swinhoe, Trans. Ent. Soc. 1903, p. 476; Strand, *l. c.* pl. xxii. *c.*

Type, ♂, Moupin, W. China, in B.M.; Ta-chien-lu.

818. *Orgyia signifera.*

Dasychira signifera, Walker, Journ. Linn. Soc. vi. p. 165 (1862).

Type, Sarawak, in B.M.

819. *Orgyia butleri,* nom. nov.

Calliteara mœrens, Butler, *l. c.* p. 14 (præocc.).

Types, ♂ ♀, Madagascar, in B.M.

820. *Orgyia aspersa.*

Tearosoma aspersa, Felder, Reise Nov. pl. c. fig. 6 (1868).

Type, without locality, in Coll. Rothschild; Natal.

821. *Orgyia sublutescens.*

Dasychira sublutescens, Holland, Psyche, vi. p. 433 (1893).

Types, ♂ ♀, Ogove River, in Coll. Holland.

822. *Orgyia subflava.*

Anaxila subflava, Walker, iv. p. 918 (1855).
Dasychira subflava, Swinhoe, Trans. Ent. Soc. 1903, p. 475 (note).

Type, ♂, Ashanti, in B.M.

823. *Orgyia difficilis.*

Aroa difficilis, Walker, xxxii. p. 328 (1865).

Type, ♀ (nec ♂), Natal, in B.M.

824. *Orgyia enos.*

Aroa (?) *enos,* Druce, Ann. & Mag. Nat. Hist. (6) xvii. p. 353 (1896).

Type, ♀, Old Calabar, in Coll. Joicey; Sapele, Niger River.

825. *Orgyia viola.*

Calliteara viola, Butler, Ann. & Mag. Nat. Hist. (5) iv. p. 240 (1879).

Type, ♂, Madagascar, in B.M.

826. *Orgyia mascarena.*

Dasychira mascarena, Butler, *l. c.* (5) ii. p. 294 (1878).
Dasychira cangia, Druce, P. Z. S. 1887, p. 674; Holland, Psyche, vi. p. 567, pl. x. fig. 12 (1893).

Types, ♂ ♀, Madagascar, in B.M.; types, ♂ ♀, *cangia,* Delagoa Bay, in Coll. Joicey.

827. *Orgyia prasina.*

Calliteara prasina, Butler, *l. c.* p. 16.

Type, ♂, Madagascar, in B.M.

828. *Orgyia baruna.*

Somena baruna, Moore, Cat. Lep. E. I. Co. ii. p. 346 (1859).
Dasychira viridis, Druce, Ann. & Mag. Nat. Hist. (7) iii. p. 470 (1889)

Type, ♀, Java, in B.M.; type, *viridis*, Perak, in Coll. Joicey; Penang.

829. *Orgyia gnava.*

Dasychira gnava, Swinhoe, Trans. Ent. Soc. 1903, p. 477.
Pseudonotodonta virescens, Mösch. Abh. Senck. Ges. xxv. p. 77, fig. 6 (1889) (præocc.).

Type, Aburi, Gold Coast, Old Calabar.

830. *Orgyia infirma.*

Somera infirma, Holland, Psyche, vi. p. 479, pl. xvii. fig. 29 (1893).

Type, Ogove River, in Coll. Holland.

831. *Orgyia variegata.*

Dasychira variegata, Holland, *l. c.* p. 568, pl. xviii. fig. 13.

Type, ♂ ♀, Ogove River, in Coll. Holland.

832. *Orgyia remota.*

Dasychira (?) *remota*, Druce, P. Z. S. 1887, p. 695.

Type, ♀, Gambia, in Coll. Joicey; River Niger.

833. *Orgyia complicata.*

Dasychira complicata, Walker, xxxii. p. 365 (1865).
Murdara complicata, Butler, Ill. Het. v. p. 58, pl. xci. figs. 4, 5, ♂ ♀ (1881).
Trisula pustulifera, Walker, *l. c.* p. 576.

Types, ♂, of both in B.M.

834. *Orgyia ampliata.*

Dasychira ampliata, Butler, Ann. & Mag. Nat. Hist. (5) iii. p. 460 (1878).

Type, ♀, Madagascar, in B.M.

835. *Orgyia phæoserica.*

Dasychira phæoserica, Mab. C. R. Soc. Ent. Belg. xxviii, pl. clxxxix. (1884).

Madagascar.

836. *Orgyia apicalis.*

Dasychira apicalis, Walker, Journ. Linn. Soc. vi. p. 130 (1862).

Type, Sarawak, in B.M.

837. *Orgyia lineata.*

Lymantria lineata, Walker, iv. p. 875 (1855); Butler, Ill. Typ. v. p. 57, pl. xci. fig. 3 (1881).
Dasychira lineata, Swinhoe, Trans. Ent. Soc. 1903, p. 477 (note).

Type, ♀ (nec ♂), Sylhet, in B.M.; Buxar, Sumatra.

838. *Orgyia nigrosparsata.*

Dasychira nigrosparsata, Kenrick, Trans. Ent. Soc. 1913, p. 595, pl. xxxiii. fig. 22.

Types, ♂ ♀, Madagascar, in Coll. Kenrick.

839. *Orgyia mabilli.*

Dasychira mabilli, Rochebrune, Bull. Soc. Philom. (2) viii. p. 30 (1884).
Dasychira (?) *mabilli*, Kirby, Cat. Moths, i. p. 484 (1892).

Senegambia.

840. *Orgyia collini.*

Dasychira collini, Mab. *l. c.* p. 31; Kirby, *l. c.*

Senegambia.

841. *Orgyia saussurii.*

Dasychira saussurii, Dav. Verh. Leop. Cas. Akad. xiii. p. 69, pl. ii. fig. 13 (1881); Kirby, *l. c.*

Chinchoxo.

842. *Orgyia herbida.*

Dasychira herbida, Walker, vii. p. 1740 (1856); Kirby, *l. c.*

Type, South Africa, in B.M.

843. *Orgyia nolana.*

Liparis nolana, Mab. Le Nat. ii. p. 134 (1882).
Dasychira (?) *nolana*, Kirby, *l. c.*

Madagascar.

844. *Orgyia pallida.*

Dasychira pallida, Butler, Cist. Ent. iii. p. 17 (1882).

Madagascar.

845. *Orgyia pumila.*

Calliteara pumila, Butler, *l. c.* p. 16.
Dasychira pumila, Saalm. Lep. Madag. p. 198, pl. vi. figs. 91, 92 (1884).
Dasychira (?) *pumila*, Kirby, *l. c.* p. 485.

Type, ♂, Madagascar, in B.M.

846. *Orgyia procincta.*

Dasychira procincta, Saalm. Ber. Senck. Ges. 1879–1880, p. 267 (1880); Saalm. Lep. Madag. p. 198, pl. vi. figs. 91, 92 (1884).
Dasychira (?) *procincta*, Kirby, *l. c.*

Nossi Bé.

847. *Orgyia strigidentata.*

Dasychira strigidentata, Beth.-Baker, Ann. & Mag. Nat. Hist. (8) vii. p. 548 (1911).

Type, ♀, Omeishan, W. China, in Mus. Oxon.

848. *Orgyia ruficata.*

Dasychira ruficata, Beth.-Baker, *l. c.*

Type, ♂, N'Dalla Tondo, N. Angola, in Coll. Bethune-Baker.

849. *Orgyia obsoletissima.*

Dasychira obsoletissima, Beth.-Baker, *l. c.* p. 549.

Type, ♂, N'Dalla Tondo, in Coll. Bethune-Baker.

850. *Orgyia inconspicua.*

Dasychira inconspicua, Beth.-Baker, *l. c.*

Type, ♂, Guneral, W. Africa, in Coll. Bethune-Baker.

851. *Orgyia perdita.*

Dasychira perdita, Beth.-Baker, *l. c.*

Type, ♂, Malanga, W. Africa, in Coll. Bethune-Baker.

852. *Orgyia exoleta.*

Dasychira exoleta, Beth.-Baker, *l. c.*

Type, ♂, Malanga, W. Africa, in Coll. Bethune-Baker.

853. *Orgyia ladburi.*

Dasychira ladburi, Beth.-Baker, *l. c.* p. 550.

Type, ♀, Bugoma Forest, Uganda Protectorate, in Coll. Bethune-Baker.

854. *Orgyia styx.*

Dasychira styx, Beth.-Baker, *l. c.*

Types, ♂ ♀, N'Dalla Tondo, in Coll. Bethune-Baker.

855. *Orgyia castanea.*

Dasychira castanea, Kenrick, Trans. Ent. Soc. 1913, p. 593, pl. xxxii. fig. 30.

Type, Madagascar, in Coll. Kenrick.
Near *O. strigata.*

856. *Orgyia rufotincta.*

Dasychira rufotincta, Kenrick, *l. c.* fig. 33.

Types, ♂ ♀, Madagascar, in Coll. Kenrick.
Near *O. strigata*, Moore.

857. *Orgyia didymata.*

Dasychira didymata, Kenrick, *l. c.* fig. 24.

Types, ♂ ♀, Madagascar, in Coll. Kenrick.
Near *O. strigata*, Moore.

858. *Orgyia brunneata.*

Dasychira brunneata, Kenrick, *l. c.* p. 594, pl. xxxii. fig. 25.

Type, Madagascar, in Coll. Kenrick.
Near *O. strigata*, Moore.

859. *Orgyia aurantiaca.*

Dasychira aurantiaca, Kenrick, *l. c.* fig. 34.

Type, ♂, Madagascar, in Coll. Kenrick.
Near *O. securis*, Hübner.

860. *Orgyia viridipicta.*

Dasychira viridipicta, Kenrick, *l. c.* fig. 26.

Type, ♂, Madagascar, in Coll. Kenrick.
Near *O. strigata*, Moore.

861. *Orgyia ocellata.*

Dasychira ocellata, Kenrick, *l. c.* fig. 27.

Type, ♂, Madagascar, in Coll. Kenrick.
Near *O. securis*, Hübner.

862. *Orgyia dubia.*

Dasychira dubia, Kenrick, *l. c.* p. 595, pl. xxxii. fig. 23.

Type, ♂, Madagascar, in Coll. Kenrick.
Near *O. angulata*, Hampson.

863. *Orgyia miselioides.*

Dasychira miselioides, Kenrick, *l. c.* fig. 28.

Type, ♂, Madagascar, in Coll. Kenrick.
Near *O. securis*, Hübner.

864. *Orgyia abbreviata.*

Dasychira abbreviata, Kenrick, *l. c.* p. 596, pl. xxxii. fig. 36.

Type, ♂, Madagascar, in Coll. Kenrick.
Near *O. basistriga*, Walker.

865. *Orgyia luteolata.*

Dasychira luteolata, Kenrick, *l. c.* fig. 31.

Type, ♀, Madagascar, in Coll. Kenrick.
Near *O. horsfieldii*, Moore.

866. *Orgyia aureotincta.*

Dasychira aureotincta, Kenrick, *l. c.* fig. 32.

Type, ♀, Madagascar, in Coll. Kenrick.
Near *O. horsfieldii*, Moore.

867. *Orgyia geoffreyi.*

Dasychira geoffreyi, Beth-Baker, Ann. & Mag. Nat. Hist. (8) xii. p. 64 (1913).

Types, ♂ ♀, Damba Isl., Uganda, in Mus. Oxon.

868. *Orgyia carpenteri.*

Dasychira carpenteri, Beth.-Baker, *l. c.*

Type, ♂ ♀, Damba Isl., in Mus. Oxon.

Genus Dasychirina, Beth.-Baker, Ann. & Mag. Nat. Hist. (8) vii. p. 550 (1911).

869. *Dasychirina obliqualinea.*

Dasychirina obliqualinea, Beth.-Baker, *l. c.*

Type, ♂, Malange, W. Africa, in Coll. Bethune-Baker.

870. *Dasychirina unilineata.*

Dasychirina unilineata, Beth.-Baker, *l. c.*

Type, ♂, Lokoja District, in Coll. Bethune-Baker.

871. *Dasychirina crenulata.*

Dasychirina crenulata, Beth.-Baker, *l. c.*

Type, ♂, Lokoja District, in Coll. Bethune-Baker.

Genus Hypolochma, Felder, Sitz. Akad. Wiss. Wien, xliii. p. 40 (1861).

872. *Hypolochma sericea.*

Hypolochma sericea, Felder, *l. c.*

Type, Amboina, in Coll. Rothschild.

Genus Abynotha, Swinhoe, Trans. Ent. Soc. 1903, p. 479.

873. *Abynotha preussi.*

Liparis (?) *preussi*, Mab. Vieill. Nov. Lep. i. p. 57, pl. ix. fig. 5 (1892).

Cameroons.

Genus Pachycispia, Butler, Cist. Ent. iii. p. 11 (1882).

874. *Pachycispia picta.*

Pachycispia picta, Butler, *l. c.* p. 12.

Type, ♂, Madagascar, in B.M.

Genus Lymantriades, Beth.-Baker, Ann. & Mag. Nat. Hist. (8) vii. p. 550 (1911).

875. *Lymantriades obliquilinea.*

Lymantriades obliquilinea, Beth.-Baker, *l. c.* p. 552.

Type, ♂, Gunnal, W. Africa, in Coll. Bethune-Baker.

Genus Parapirga, Beth.-Baker, *l. c.*

876. *Parapirga neurabrunnea.*

Parapirga neurabrunnea, Beth.-Baker, *l. c.*

Type, ♂ ♀, N'Dalla Tondo, 2700′, in Coll. Bethune-Baker.

Genus Cifuna, Walker, v. p. 1172 (1855).

Baryaza, Moore, Lep. Atk. p. 45 (1879).

877. *Cifuna cervina.*

Baryaza cervina, Moore, *l. c.* pl. iii. fig. 4.

Types, ♂, Darjiling, in B.M.

878. *Cifuna biundulans.*

Cifuna biundulans, Hampson, Journ. Bombay Nat. Hist. Soc. xi. p. 294, (1897).

Types, ♂, Khasia Hills, in B.M.

879. *Cifuna nigroplaga.*

Cifuna nigroplaga, Beth.-Baker, Ann. & Mag. Nat. Hist. (8) xii. p. 64 (1913).

Type, ♀, Damba Isl., Uganda, in Mus. Oxon.

880. *Cifuna locuples.*

Cifuna locuples, Walker, v. 1173 (1855); Wileman, The Philipp. Journ. of Science, xiii. (4) p. 154 (1918); Strand, *l. c.* pl. xix. *d.*

Type, ♂, Sylhet, in B.M.; Khasia Hills, Gensan, Chang Yang, Japan.

881. *Cifuna confusa.*

Cifuna confusa, Brem. Lep. Ost-Sib. p. 42; Wileman, *l. c.* pl. i. fig. 8.

Amurland, Corea, Japan.

882. *Cifuna eurydice.*

Cifuna eurydice, Butler, Cist. Ent. iii. p. 118; Strand, *l. c.* pl. xix. *d.*
Cifuna ornata, Staud. Berl. ent. Zeit. xxxii. p. 122 (1888).

Japan, Amurland.

883. *Cifuna jankowskii.*

Orgyia jankowskii, Oberth. Etude Ent. x. p. 13, pl. i. fig. 9 (1884).
Cifuna jankowskii, Strand, *l. c.* pl. xix. *d.*

Eastern Asia, Sidemi.

Genus Polymona, Walker, iii. p. 768 (1855).

Morasa, Walker, iv. p. 859 (1855).
Sarothropyga, Felder, Reise Nov, pl. c. fig. 23, ♂ (1868).

884. *Polymona rufifemur.*

Polymona rufifemur, Walker, iii. p. 768, ♂.
Morasa lorimeri, Butler, P. Z. S. 1878, p. 387, ♀.

Type, ♂, Africa; type, ♀, *lorimeri*, Natal: both in B.M. Nyassaland, Mashonaland, Dar-es-Salaam.

885. *Polymona modesta.*

Morasa modesta, Walker, iv. p. 859.
Sarothropyga rhodopepla, Felder, *l. c.*

Type, ♀, Africa, in B.M.; type, *rhodopepla*, Knysna, in Coll. Rothschild.

886. *Polymona obtusa.*

Polymona obtusa, Walker, xxxii. p. 768 (1865); Kirby, Cat. Moths, i. p. 481 (1892).

Type, Natal, in B.M.

Genus Heteronygmia, Holland, Psyche, vi. p. 414 (1893).

887. *Heteronygmia manicata.*

Lymantria manicata, Auriv. Ent. Tidsk. xiii. p. 193 (1892), ♀.
Heteronygmia rhodapicata, Holland, *l. c.* p. 416, pl. x. fig. 15, ♂.

Type, ♀, Cameroons, in Upsala Mus.; type, ♂, *rhodapicata*, Ogove River, in Coll. Holland; Ashanti, Sapele, River Niger, Old Calabar.

888. *Heteronygmia chismona.*

Heteronygmia chismona, Swinhoe, Trans. Ent. Soc. 1903, p. 480.

Type, ♂, Aburi, Gold Coast, in B.M.

Genus Lomadonta, Holland, *l. c.* p. 417.

889. *Lomadonta erythrina.*

Lomadonta erythrina, Holland, *l. c.* pl. x. fig. 1.

Types, ♂ ♀, Ogove River, in Coll. Holland.

890. *Lomadonta johnstoni.*

Lomadonta johnstoni, Swinhoe, *l. c.*

Type, ♂, Congo Forest, in B.M.

891. *Lomadonta obscura.*

Lomadonta obscura, Swinhoe, Trans. Ent. Soc. 1904, p. 146.

Type, ♂, Ashanti, in B.M.

892. *Lomadonta saturata.*

Lomadonta saturata, Swinhoe, *l. c.* p. 147.

Types, ♂ ♀, Sapele, River Niger, in B.M.

Genus Lælapia, Butler, Ann. & Mag. Nat. Hist. (5) iv. p. 238 (1879).

893. *Lælapia notata.*

Lælapia notata, Butler, *l. c.*

Type, ♀, Madagascar, in B.M.

Genus Aclonophlebia, Butler, P. Z. S. 1898, p. 428.

894. *Aclonophlebia flavinotata.*

Aclonophlebia flavinotata, Butler, *l. c.* pl. xxxii. fig. 8.

Type, ♂, British E. Africa, in B.M.

Genus Numenoides, Butler, Ann. & Mag. Nat. Hist. (5) iv. p. 238 (1879).

895. *Numenoides grandis.*

Numenoides grandis, Butler, *l. c.*

Type, ♀, Madagascar, in B.M.

Genus Melachitis, Hampson, Trans. Ent. Soc. 1895, p. 291.

896. *Melachitis melanochlora.*

Melachitis melanochlora, Hmpsn. *l. c.*; Dudgeon, Journ. Bombay Nat. Hist. Soc. xiii. p. 413, pl. i. fig. 7 (1900).

Type, ♂, Bhutan, in B.M.

Genus Notolophus, Germar, Prodr. iii. p. 35 (1812); type, *antiqua*, Linn.

Gynæphora, Hübner, Verz. bek. Schmett. p. 161 (1818); type, *recens*, Hüb.
Acyphas, Walker, iv. p. 797 (1855); type, *fusca*, Walker.
Teia, Walker, iv. p. 808; type, *ancertoides*, Walker.

897. *Notolophus antiqua.*

Bombyx antiqua, Linn. Syst. Nat. i. p. 503 (1758).
Orygia modesta, Heyne, Soc. Ent. xiv. p. 98.

Var. *bukourna*, Strand, Seitz. Macrolep. ii. p. 117.
Ab. *confinis*, Gr.-Grsh. Hor. Ent. Ross. xxv. p. 463.
Var. *infernalis*, Rbl. Berge's Schmett.-Busch. p. 114.
Ab. *dilutior*, Schultz, Ent. Zeit. Stuttg. xxiv. p. 35.
Zimmermani, Graes. Berl. ent. Zeit. 1888, p. 122.
Orgyia antiqua, Strand, *l. c.* p. 117, pl. xix. *a*.

Russia, Bukovina, Mongolia, Kuku-Nor, Germany, Amurland.

898. *Notolophus gonostigma.*

Bombyx gonostigma, Scop. Ent. Carn. p. 199 (1763); Fabr. Lept. Ent. p. 585 (1775).
Orgyia approximatus, Butler, Trans. Ent. Soc. 1881, p. 10.
Orgyia gonostigma, Strand, *l. c.* pl. xix. *a*.

Type, *approximatus*, Japan, in B.M.; throughout Europe and Northern Asia, England, Belgium, France.

899. *Notolophus aurolimbata.*

Orgyia aurolineata, Guen. Ann. Soc. Ent. France, iv. p. 635, pl. xviii. *c*. fig. 4 (1835); Strand, *l. c.* pl. xix. *b*, ♂.

E. Pyrenees, Catalonia, Castile.

900. *Notolophus flavolimbata.*

Oragia flavolimbata, Staud. Stett. Zg. 1881, p. 404; Strand, in Seitz, Macrolep. ii. pl. xix. *b*.

Tian-shan, Altai.

901. *Notolophus tristis.*

Orgyia tristis, Gr.-Grsh. Rom. Mém. Lép. iv. p. 554.

Pamir.

902. *Notolophus ochrolimbata.*

Orgyia ochrolimbata, Staud. Stett. Zg. 1881, p. 405; Strand, in Seitz, Macrolep. pl. xix. *b*.

S.W. Caucasus.

903. *Notolophus trigotephras.*

Orgyia trigotephras, Boisd. Eur. Lep. Ins. Méth. p. 46; Strand, *l. c.* pl. xix. *b*.
Var. *anceps*, Oberth. Ent. d'Ent. ix. p. 39; Strand, *l. c.* pl. xxii. *b*.

France, Iberian Frontier, Algeria, Morocco.

904. *Notolophus transiens.*

Orgyia transiens, Staud. Stett. Zg. 1887, p. 95.
Orgyia trigotephras, var. *transiens*, Staud. Cat. Lep. Phal. p. 114 (1901); Roths. Nov. Zool. xxiv. p. 355 (1917).

South Mauretania.

905. *Notolophus sicula.*

Orgyia sicula, Staud. Stett. Zg. 1887, p. 95; Strand, in Seitz, Macrolep. ii. pl. xxii. *b*.

Sicily, Andalusia.

906. *Notolophus etrusca.*

Orgyia etrusca, Verity, Bull. Soc. Ent. France, 1905, p. 59.

Tuscany.

907. *Notolophus corsica.*

Orgyia corsica, Boisd. Icon. ii. p. 142; Strand, *l. c.* pl. xix. *a*.
Orgyia ramburi, Mab. Ann. Soc. Ent. France, 1866, p. 557.

Corsica.

908. *Notolophus orientalis.*

Orgyia orientalis, Staud. Cat. Pal. Lep. p. 14.

The Taurus, Syria, Palestine.

909. *Notolophus prisca.*

Orgyia prisca, Staud. Stett. Zg. 1887, p. 95.

Ferghana, Mongolia.

910. *Notolophus ericæ.*

Orgyia ericæ, Germ. Fauna, i. E. p. 8; Strand, *l. c.* pl. xix. *b*.
Ab. *antiquoides*, Hübner, Eur. Schmett. ii. figs. 279, 280 (1818).
Var. *intermedia*, Friv. Magy. Ind. Akad. Erkon. xi. (4) p. 149, pl. v. figs. 1 *a–d*.

Belgium, Germany, Finland, Denmark, Armenia, Mongolia.

911. *Notolophus leechi.*

Notolophus leechi, Kirby, Cat. Moths, i. p. 495 (1892).
Orgyia prisca, Leech (nec Staud.), Entom. xxiii. p. iii (1890) (præocc.).

Type, Chang Yang, in B.M.

912. *Notolophus rupestris.*

Orgyia rupestris, Ramb. Ann. Soc. Ent. France, i. p. 275, pl. viii. figs. 1–5 (1832); Strand, *l. c.* pl. xix. *b*.

Corsica.

913. *Notolophus judæa.*

Orgyia judæa, Staud. Cat. Pal. Lep. p. 114.
Var. *splendida*, Ramb. Faune Andalusie, pl. xv. figs. 2–6 (1842).
Var. *turcica*, Led. Verh. zool.-bot. Ges. Wien, 1852, p. 117.

Form *josephina*, Aust. Le Nat. ii. pp. 212, 220 (1880); Strand, *l. c.* pl. xix. *e*.
Form *interrupta*, Gr.-Grsh. Rom. Mem. Lep. iv. p. 555.
Form *seleniaca*, Fisch. Waldheim. Entom. Ross. ii. p. 249.
Form *isolatella*, Strand, *l. c.* p. 119, pl. xix. *c*.
Ab. *umbripennis*, Strand, *l. c.*

Palestine, Egypt, Mauretania, Spain, Sicily, Asia Minor, Armenia, Syria, Turkestan, Sarepta, Algeria.

914. *Notolophus transcaspica.*

Orgyia transcaspica, Krnl. Soc. Entom. xxi. p. 50.
Ab. *obliterella*, Strand, *l. c.*

Algeria.

915. *Notolophus thyellina.*

Orgyia thyellina, Butler, Trans. Ent. Soc. 1881, p. 10, ♂; Leech, P. Z. S. 1888, p. 625, pl. xxxi. figs. 7, 7 *a*, ♀; Strand, *l. c.* pls. xxii. *b*, ♂, xix. *c*, ♀; Wileman, Philipp. Journal of Science, xiii. (4) p. 152, pl. i. figs. 3, 5 larva (1918).

Types, ♂ ♀, Tokio, Japan, in B.M.; Yokohama, Asama Yama, Oiwake, Formosa.

916. *Notolophus splendida.*

Orgyia splendida, Ramb. Faune Andalusia, pl. xv. figs. 3–6 (1842).
Notolophus splendida, Roths. *l. c.*

Spain, Algeria, Andalusia.

917. *Notolophus algirica.*

Trichiosoma algiricum, Luc. Expl. Alg. iii. p. 376, pl. iii. fig. 6 (1849).
Notolophus algirica, Roths. *l. c.* p. 352.
Orgyia josephina, Austant, Le Nat. ii. p. 212 (1880).

Algeria, Oran, Mauretania.

918. *Notolophus umbripennis.*

Orgyia dubia, ab. *umbripennis*, Strand, in Seitz, Gross. Erde, ii. p. 119, pl. x. *c* (1910).
Notolophus dubia umbripennis, Roths. *l. c.* p. 353.

Batna, Province of Constantine.

919. *Notolophus deserticola.*

Orgyia dubia deserticola, Powell, Etud. Lép. Comp. fasc. xii. pp. 265–266 (1916).
Notolophus dubia deserticola, Roths. *l. c.*

Kebala.

920. *Notolophus isolatella.*

Orgyia dubia, forma *isolatella*, Strand, *l. c.* pli xix. *c.*
Notolophus splendida isolatella, Roths. *l. c.*

Batna, Mauretania, Blida les Glacières.

921. *Notolophus orana.*

Orgyia dubia orana, Powell, *l. c.* pp. 264–266.
Notolophus splendida orana, Roths. *l. c.* p. 354.

Djebel Amour, Sebdon.

922. *Notolophus panlacroixii.*

Orgyia panlacroixii, Oberth. Etud. Ent. liv. (i.) p. 41, pl. iii. fig. 5 (1876).
Notolophus panlacroixii, Roths. *l. c.* (note).

Tuelagh, Algeria.

923. *Notolophus anceps.*

Orgyia anceps, Oberth. *l. c.* liv. (ix.) p. 37, pl. iii. fig. 5 (1884).
Notolophus trigotephras anceps, Roths. *l. c.*

Tangier.

924. *Notolophus holli.*

Orgyia trigotephras holli, Oberth. Etud. Lep. Comp. fasc. xii. p. 276 (1916).
Notolophus trigotephras holli, Roths. *l. c.*

El Biar, Hussein Dey.

925. *Notolophus sebdonensis.*

Orgyia trigotephras sebdonensis, Oberth. *l. c.*
Notolophus trigotephras sebdonensis, Roths. *l. c.*

Sebdon, Mauretania.

926. *Notolophus tricolor.*

Orgyia tricolor, Herr.-Schäff. Ausser. Schmett. i. fig. 472 (1856).
Notolophus tricolor, Kirby, *l. c.* p. 492.

S. Africa.

927. *Notolophus aurantia.*

Orgyia aurantia, Mab. Ann. Soc. Ent. France, (5) ix. p. 345 (1879).

Madagascar.

928. *Notolophus athlophora.*

Orgyia athlophora, Turner, Proc. Linn. Soc. N.S.W. xlv. (4) p. 493 (1920).

Types, ♂ ♀, Perth, W. Australia, in Coll. Turner.

929. *Notolophus australis.*

Orgyia australis, Walker, iv. p. 787 (1855), ♀.
Lacida postica, Walker, iv. p. 803.
Orgyia ceylonica, Neitner, Ed. New Phil. Journ. xv. p. 34 (1862).
Orgyia canifascia, Walker, xxii. p. 325 (1865), ♂.
Orgyia ludekingi, Snellen, Tijd. v. Ent. xxii. p. 104, pl. viii. fig. 5, ♂ (1879).
Orgyia australis, Turner, *l. c.* p. 494.

Type, ♀, Australia; type, ♂, *canifascia*, Australia; type, *postica*, Moulmein: all in B.M. Type, ♂, *ludekingi*, Celebes, in Coll. Snellen; Mackay, Cairns, Townsville, Queensland, Brisbane, Sydney, Ceylon, Formosa, Hongkong, Amboina.

930. *Notolophus ocularis.*

Orgyia ocularis, Moore, Lep. Atk. p. 44 (1879).

Type, ♂, Calcutta, in B.M.

931. *Notolophus tisdala.*

Orgyia tisdala, Swinhoe, Trans. Ent. Soc. 1903, p. 460.

Type, ♂, Arjuno, Java, in B.M.

932. *Notolophus turbata.*

Orgyia turbata, Butler, Trans. Linn. Soc. (2) i. p. 560 (1879).

Type, ♂, Malacca, in B.M.; Province Wellesly, Tenasserim, Heipaw, Burma, Koni, Shan States.

933. *Notolophus furva.*

Ocneria furva, Leech, P. Z. S. 1888, p. 631, pl. xxxi. fig. 10.

Type, Japan, in B.M.; Ichang, Pekin.

934. *Notolophus dimidiata.*

Orgyia dimidiata, Walker, Journ. Linn. Soc. vi. p. 125 (1862); Swinhoe, Cat. Het. Mus. Oxon. i. p. 198, pl. vi. fig. 6 (1897).

Type, Sarawak, in Mus. Oxon.

935. *Notolophus varia.*

Orgyia varia, Walker, *l. c.*; Swinhoe, *l. c.* pl. vi. fig. 13.

Type, Sarawak, in Mus. Oxon.

936. *Notolophus osseata.*

Orgyia osseata, Walker, *l. c.*; Swinhoe, *l. c.* pl. vi. fig 16.

Type, Sarawak, in Mus. Oxon.

937. *Notolophus nucula.*

Orgyia nucula, Swinhoe, Ann. & Mag. Nat. Hist. (6) xiv. p. 435 (1894); Swinhoe, Trans. Ent. Soc. 1895, p. 7, pl. i. fig. 15.

Type, Khasia Hills, in B.M.

938. *Notolophus senica.*

Orgyia senica, Hmpsn. Journ. Bombay Nat. Hist. Soc. xiii. p. 234, pl. B. fig. 23 (1900).

Type, ♂, Chitral, in B.M.

939. *Notolophus viridescens.*

Acyphas viridescens, Walker, iv. p. 798 (1855).

Type, ♂, Ceylon, in B.M.

940. *Notolophus dewarra.*

Orgyia dewarra, Swinhoe, Trans. Ent. Soc. 1903, p. 459.

Type, ♂, Kapaur, N. Guinea, in B.M.

941. *Notolophus nigrocrocea.*

Orgyia nigrocrocea, Walker, Journ. Linn. Soc. vi. p. 124 (1862).

Type, Sarawak, in B.M.

942. *Notolophus nigriplaga.*

Orgyia nigriplaga, Swinhoe, Ann. & Mag. Nat. Hist. (7) xii. p. 194 (1903).

Type, ♂, N. Borneo, in B.M; Perissim, Lawas, Borneo.

943. *Notolophus albacosta.*

Orgyia albacosta, Beth.-Baker, Ann. & Mag. Nat. Hist. (8) vii. p. 545 (1911).

Type, ♂, Malanga, W. Africa, in Coll. Bethune-Baker.

944. *Notolophus anartoides.*

Teia quartoides, Walker, iv. p. 804.
Teia pusilla, Butler, Ann. & Mag. Nat. Hist. (5) ix. p. 88 (1882).
Orgyia anartoides, Turner, Proc. Linn. Soc. N.S.W. xlv. (4) p. 493 (1920).

Type, ♂, Tasmania; type, ♂, *pusilla*, Melbourne: both in B.M. Sydney, Blackbutt, N.S. Wales.

945. *Notolophus ruficeps.*

Orgyia ruficeps, Roths. Journ. of the F.M.S. Mus. p. 132 (1920).

W. Sumatra.

946. *Notolophus dubia.*

Bombyx dubia, Tausch. Mém. Soc. Nat. Moscou, i. p. 176, pl. xiii. fig. 3 (1806).
Notolophus dubia, Roths. Nov. Zool. xiv. p. 351 (1917).
Bombyx seleniaca, Waldh. Ent. Ross. ii. p. 240, pl. x. fig. 3 (1823).
Orgyia alhagi, Waldh. Bull. Mosc. 1839, (i.) p. 117, pl. iv. fig. 2.

S. Russia, Algeria, Armenia, Transcaspia, Kar Kun, Tian-Shan.

947. *Notolophus punctatella.*

Orgyia punctatella, Motsch. Etud. Ent. ix. p. 32 (1860).

Japan.

948. *Notolophus cæca.*

Orgyia cæca, Plötz, Stett. ent. Zeit. xli. p. 84 (1880).
Notolophus calca, Kirby, *l. c.* p. 494.

West Africa.

949. *Notolophus quadripunctata.*

Orgyia quadripunctata, Wallgrn. Œfv. Vet.-Akad. Förh. xxxii. (i.) p. 99 (1876).
Notolophus quadripunctata, Kirby, *l. c.* p. 495.

Transvaal.

950. *Notolophus retnopepla.*

Orgyia retnopepla, Lower, Trans. Roy. Soc. S. Austr. 1905, p. 176; Turner, Proc. Linn. Soc. N.S.W. xlv. (4) p. 499 (1920).

Queensland.

951. *Notolophus nebulosa.*

Orgyia nebulosa, Walker, Journ. Linn. Soc. vi. p. 125 (1862); Swinhoe, Ann. & Mag. Nat. Hist. (7) xviii. p. 404 (1906) (note).

Type, ♂, Sarawak, in Mus. Oxon.; Java.

952. *Notolophus malagassica.*

Orgyia malagassica, Kenrick, Trans. Ent. Soc. 1913, p. 597, pl. xxxii. fig. 21.

Type, ♂, Madagascar, in Coll. Kenrick.

Genus Hypogymna, Steph. Ill. Brit. Ent. Haust. ii. p. 55 (1828).

953. *Hypogymna morio.*

Bombyx morio, Linn. Syst. Nat. i. (2) p. 828 (1767).
Hypogymna morio, Strand, *l. c.* pl. xix. *a*.

Ab. *natlyi*, Aign. Rom. Lép. xiii. p. 69.
Centophera caucasia, Heylerts, C. R. Soc. Ent. Belg. xxxi. p. lxxxviii (1887).

S.E. Germany, Austria, Hungary, N. Balkans, C. Italy, Armenia.

Genus Enome, Walker, iv. p. 883 (1855).

954. *Enome ampla.*

Enome ampla, Walker, *l. c.*

Type, ♂, Ceylon, in B.M.; Calcutta, Bangalore, Malabar, Poona, Bombay, Silchar, Cachar, Sikkim.

955. *Enome incerta.*

Lymantria incerta, Walker, iv. p. 880.

Type, ♂, N. India, in B.M.; Kangra, Jubbulpore, Nilgiris, Bombay.

956. *Enome aryama.*

Lymantria aryama, Moore, Cat. Lep. E. I. Co. ii. p. 345 (1859).
Enome aryama, Swinhoe, Cat. Het. Mus. Oxon. ii. p. 217 (1892).

Type, Kanara, S. India, should be in the B.M., but I have been unable to find it. Hampson makes it a synonym of *incerta*. I separated it in Cat. Het. Mus. Oxon. and should thus leave it because Hampson also puts *detersa* under *incerta*, but *detersa* is a good species confined to South India. I have bred many of them in Bombay and Poona, the females have aborted wings.

957. *Enome detersa.*

Lymantria detersa, Walker, xxxii. 365 (1865).
Lymantria costalis, Walker, *l. c.*
Enome detersa, Swinhoe, P. Z. S. 1885, p. 300, pl. xxi. figs. 3, 4 (female, larva, and pupa); Swinhoe, Trans. Ent. Soc. 1903, p. 482 (note).

Type, ♂, of both, S. India, in B.M; Mhow, Bombay, Poona, Belgaum, Ahmednagar.

958. *Enome pilospila.*

Enome pilospila, Turner, Proc. Roy. Soc. Queensland, xxvii. p. 21 (1915).

Type, Port Darwin, in Coll. Turner.

959. *Enome antennata.*

Lymantria antennata, Walker, iv. p. 881 (1855).
Lymantria aurora, Turner, Trans. Roy. Soc. S. Australia, xxvi. p. 181 (1902).

Lymantria turneri, Swinhoe, *l. c.* p. 484.
Enome antennata, Turner, Proc. Linn. Soc. N.S.W. xlv. (4) p. 490 (1920).

Type, ♂, Richmond River, in B.M.; type, ♂, *aurora*, Cap York, in Coll. Turner; Cairns, Stannary Hill, Townsville, Brisbane, Queensland.

960. *Enome plumbalis.*

Lymantria plumbalis, Hmpsn. Trans. Ent. Soc. 1895, p. 292.

Type, ♂, Tinlinyaw, Burma, in B.M.; Thyetmyo.

Genus Liparis, Ochs. Schmett. Eur. iii. p. 186 (1810); type, *monacha*, Linn.

Psilura, Steph. Ill. Brit. Ent. Haust. ii. p. 55 (1828); type, *monacha*, Linn.
Pegella, Walker, xxxv. p. 1922 (1866); type, *curvifera*, Walker.
Nagunda, Moore, Lep. Atk. p. 53 (1879); type, *semicincta*, Walker.
Barhona, Moore, *l. c.* p. 55; type, *carneola*, Moore.
Porthetria, Hübner, Verz. bek. Schmett. p. 160 (1886); type, *dispar*, Linn.
Lymantria, Hübner, *l. c.*; type, *monacha*, Linn.
Leptocneria, Butler, Trans. Ent. Soc. 1886, p. 386; type, *binotata*, Butler.

961. *Liparis monacha.*

Bombyx monacha, Linn. Syst. Nat. i. p. 501 (1758); Strand, pl. xx. *g.*
Psilura monacha, Steph. *l. c.*
Lymantria monacha, Hübner, *l. c.*
Ab. *nigra*, Freyer, Neu Beitr. ii. p. 5, pl. xcviii. figs. 2, 3 (1833).
Ab. *eremita*, Hübner, *l. c.* fig. 246 (1804); Strand, pl. xx. *g.*
Ab. *atra*, Linstow, Entom. Zeit. xxi. pp. 96–103.
Ab. *lutea*, Aurl. Zeitschr. f. W. Ins. Biol. v. p. 159.
Ab. *flavoabdominalis*, Schultz, Ent. Zschr. Stuttgr. xxiv. p. 36.
Ab. *obsoleta*, Schultz, *l. c.*

Castile, Italy, Croatia, Greece, Armenia, Amurland, Japan, Lapland.

962. *Liparis atlantica.*

Liparis atlantica, Ramb. Faun. Ent. Andal. ii. pl. xv. fig. 7 (1842).
Lymantria atlantica, Strand, *l. c.* pl. xx. *g.*

Andalusia, Mauretania.

963. *Liparis sinica.*

Lymantria sinica, Moore, P. Z. S. 1879, p. 403.

Type, ♂, N. China, in B.M.; Formosa, Shanghai.

964. *Liparis eurydice.*

Porthetria eurydice, Butler, Cist. Ent. iii. p. 118 (1885).
Dasychira amata, Staud. Rom. sur Lép. iii. p. 206, pl. xii. fig. 2, ♀ (1887).

Type, ♂, Choyama, Japan, in B.M.; Asama Yama, Amur.

965. *Liparis aboleta.*

Lymantria aboleta, Staud. Iris, viii. p. 295; Strand, *l. c.* pl. xxi. *a.*

Palestine.

966. *Liparis destituta.*

Ocneria destituta, Staud. Iris, iv. p. 256 (1892).
Lymantria destituta, Strand, *l. c.* pl. xxi. *a.*

Armenia.

967. *Liparis grisescens.*

Ocneria grisescens, Staud. Rom. Mon. Lep. iii. p. 289 (1887).
Lymantria grisescens, Strand, *l. c.* pl. xxii. *f.*
Ocneria albescens, Staud. *l. c.* pl. xii. fig. 4.

Askold Isl., Ussuri District.

968. *Liparis lapidicola.*

Lymantria lapidicola, Herr.-Schäff. Schmett. Eur. Syst. vi. p. 52; Strand, *l. c.* pl. xxiii. *e.*
Form *urbicola*, Staud. Iris, iv. p. 337 (1892); Strand, pl. xxi. *a.*
Form *phœnis·a*, Rog. Sitz. zool.-bot. Ges. Wien, ii. p. 85 (1891).
Form *libanicula*, Staud. Iris, xii. p. 161.
Form *mardina*, Staud. *l. c.* p. 338.

Asia Minor, Mesopotamia, Smyrna, Beirut, Palestine, Cyprus, Mt. Lebanon.

969. *Liparis kamarovi.*

Lymantria kamarovi, Christ. Hor. Ent. Ross. xvii. p. 109; Strand, *l. c.* pl. xxi. *a.*

Armenia.

970. *Liparis obfuscata.*

Lymantria obfuscata, Walker, xxxii. p. 367 (1865); Strand, *l. c.* p. 130, pl. xxii. *f.*

Type, ♀, N. India, in B.M.; Murree, Kangra, Punjab, Kulu, Sultanpore, Cashmir, Skardo.

971. *Liparis atala*, nom. nov.

Liparis binotata, Mab. C. R. Soc. Ent. Belg. xxiii. p. cvii (1889) (præocc.).
Lymantria binotata, Kirby, *l. c.* p. 480.

Madagascar.

972. *Liparis rebuti.*

Liparis rebuti, Pouj. Bull. Soc. Ent. France, (6) ix. p. lxiii (1889).
Lymantria rebuti, Kirby, *l. c.*

Madagascar.

973. *Liparis mus.*

Lymantria mus, Oberth. Etud. Lep. Comp. fasc. vi., Explan. Pis. p. 22, pl. cccxxx. (1916).

El Ontaya.

974. *Liparis oberthüri.*

Lymantria oberthüri, Lucas, Ann. Soc. Ent. France, lxxv. p. 26, pl. iii. figs. 6, 7 (1906).

Mauretania, Tunisia.

975. *Liparis dispar.*

Bombyx dispar, Linn. Syst. Nat. (x.) i. p. 501 (1758).
Lymantria dispar, Strand, *l. c.* p. 127, pl. xx. *d.*
Bombyx, form *disparina*, Müll. Faun. Sib. iii. p. 2 (1867).
Liparis, ab. *fasciata*, Rebel, Berge's Schmett.-Buch. p. 118.
Liparis, ab. *bordigalensis*, Mab. Bull. Soc. Ent. France, 1876, p. 9.
Liparis, form *major*, Fuchs, Jahrb. Nass. Ver. Nat. lii. p. 136.
Ocneria, form *erebus*, Th.-Mieg. Le Nat. viii. p. 237 (1881).
Ocneria, form *semiobscura*, Th.-Meig. *l. c.*
Porthetria, form *umbrosa*, Butler, Trans. Ent. Soc. 1881, p. 10.
Lymantria, ab. *wiadiwastockensis*, Strand, *l. c.* pl. xx. *c.*
Lymantria, form *insignata*, Schultz, Ent. Zachr. Stuttg. xxiv. p. 35.
Lymantria, form *angulifera*, Schultz, *l. c.*
Lymantria, form *unifascia*, Schultz, *l. c.* p. 36.
Lymantria, form *submarginalis*, Schultz, *l. c.*

Scandinavia, Finland, Amurland, Corea, Japan, China, France, Germany, England, Vladivostock.

976. *Liparis japonica.*

Liparis dispar, var. *japonica*, Motsch. Etud. d'Ent. 1860, p. 31.
Liparis japonica, Strand, *l. c.* pl. xx. *d.*
Porthetria hadina, Butler, Trans. Ent. Soc. 1881, p. 11.
Lymantria japonica, Swinhoe, Trans. Ent. Soc. 1903, p. 483 (note).

Type, *hadina*, Japan, in B.M.; Yokohama, Hakodate.

977. *Liparis fumida.*

Lymantria fumida, Butler, Ann. & Mag. Nat. Hist. (4) xx. p. 402 (1877); Butler, Ill. Typ. Het. ii. pl. xxiv. fig. 4, ♀ (1878).

Types, ♂ ♀, Japan, in B.M.; Nikko, Yokohama.

978. *Liparis rhodina.*

Lymantria rhodina, Walker, xxxii. p. 366 (1865); Swinhoe, Cat. Het. Mus. Oxon. i. p. 222 (1892) (note).

Type, ♂, India, in B.M.; Sikkim, Khasia Hills.

979. *Liparis beatrix.*

Bombyx beatrix, Stoll, Suppl. Cram. pl. xl. fig. 2 (1791).
Lymantria beatrix, Swinhoe, Trans. Ent. Soc. 1903, p. 487 (note).

Java, Malay Peninsula, Japan.

980. *Liparis umbrina.*

Lymantria umbrina, Moore, Lep. Atk. p. 55, pl. iii. fig. 4 (1879).

Type, Darjiling, in B.M.

981. *Liparis mœsta.*

Lymantria mœsta, Swinhoe, Trans. Ent. Soc. 1903, p. 484.

Type, ♂, Kasaoli; type, ♀, Kangra Valley: both in B.M.

982. *Liparis ganaha.*

Lymantria ganaha, Swinhoe, *l. c.* p. 487.

Type, ♀, Java, in B.M.; Borneo. Allied to *beatrix*.

983. *Liparis mœrens.*

Dasychira (?) *mœrens*, Felder, Reise Nov. pl. xcix. fig. 4 (1868).

Type, Ceylon, in Coll. Rothschild.

984. *Liparis nephrographa.*

Lymantria nephrographa, Turner, Proc. Roy. Soc. Queensland, xxvii. p. 23 (1915).

Type, Mt. Tambourine, Queensland, in Coll. Turner; Dorigo, N.S. Wales.

985. *Liparis dissoluta.*

Lymantria dissoluta, Swinhoe, Trans. Ent. Soc. 1903, p. 484.

Types, ♂ ♀, Hongkong, in B.M.

986. *Liparis serva.*

Bombyx serva, Fabr. Syst. Ent. (3) i. p. 474 (1793).
Lymantria obsoleta, Walker, iv. p. 880, ♂ (1855).
Lymantria bhascara, Moore, Cat. Lep. E. I. Co. ii. p. 345, ♀ (1859).
Lymantria vinacea, Moore, P. Z. S. 1879, p. 403, ♀.
Lymantria obsoleta, Swinhoe, *l. c.* p. 485 (note); Strand, *l. c.* p. 130, pl. xx. *f.*

Type, ♂, *obsoleta*; type, ♀, *bhascara*: both in B.M. Type, *vinacea*, from Kanara, should be in B.M., but is missing; common in S. Africa. I have a long series from Kanara, Poona, Matheran, Bombay, and Ceylon, bred at Poona: the larva feeds on *Ficus indicus*, pupa found amongst the roots, suspended in net like the pupa of *Pervina nuda*; moths emerged in September and October, but an odd one was taken in every month from July to February.

987. *Liparis ordinata.*

Lymantria ordinata, Walker, xxxii. p. 368 (1865).

Type, Makian, Celebes, in Mus. Oxon.

988. *Liparis albolunata.*

Lymantria albolunata, Moore, P. Z. S. 1879, p. 405; Swinhoe, Trans. Ent. Soc. 1903, p. 485 (note).

Type, ♂, Dharmsala; type, ♀, Simla: both in B.M. Allied to *serva*.

989. *Liparis sobrina.*

Lymantria sobrina, Moore, *l. c.* p. 402; Swinhoe, *l. c.* p. 486 (note).

Type, ♂, Dharmsala; type, ♀, India: both in B.M. Simla.

990. *Liparis semicincta.*

Alope semicincta, Walker, iii. p. 620 (1855).
Nagunda semicincta, Butler, Ill. Het. v. p. 54, pl. xc. fig. 7 (1881).

Type, ♀, N. India, in B.M.; Sikkim, Simla, Ranchi, Bengal.

991. *Liparis todara.*

Lymantria todara, Moore, P. Z. S. 1879, p. 402, pl. xxxiii. fig. 6.

Types, ♂ ♀, Nilgiris, in B.M.; Shevaroy Hills, Travancore, Malabar.

992. *Liparis concolor.*

Lymantria concolor, Walker, iv. p. 876, ♀ (1855); Butler, Ill. Het. v. p. 55, pl. xc. figs. 8, 9 (1881).
Lymantria superans, Walker, *l. c.*, ♀.
Lymantria micans, Felder, Reise Nov. pl. xcix. fig. 2, ♀ (1868).
Lymantria carnecolor, Moore, P. Z. S. 1888, p. 399, ♂.

Type, ♀, and type, ♀, *superans*; type, ♂, *carnecolor*, Dharmsala: all in B.M. Simla, Dalhousie, Kangra, Sultanpore, Abbotabad, Manipur, Jarvai Hills, and Khasia Hills, where it is very common.

993. *Liparis similis.*

Lymantria similis, Moore, P. Z. S. 1879, p. 402, ♂.
Lymantria cara, Butler, Ill. Het. v. pl. xc. fig. 13, ♀ (1881).

Type, ♂, Calcutta; type, ♀, Bhutan: both in B.M.

994. *Liparis marginata.*

Lymantria marginata, Walker, iv. p. 877; Butler, *l. c.* fig. 12; Swinhoe, Trans. Ent. Soc. 1903, p. 487 (note).
Lymantria pusilla, Felder, Reise Nov. pl. xcix. fig. 3 (1868).
Lymantria nigra, Moore, P. Z. S. 1888, p. 399; Strand, *l. c.* p. 131, pl. xx. *f*.

Type, ♀, Sylhet; types, ♂ ♀, *nigra*, Kangra: all in B.M. Type, *pusilla*, Bengal, in Coll. Rothschild; Dharmsala, Sikkim.

995. *Liparis postfusca.*

Lymantria postfusca, Swinhoe, Ann. & Mag. Nat. Hist. (7) xvii. p. 547 (1906) (note).

Type, ♂ ♀, Kandy, Ceylon, in B.M.

996. *Liparis fuliginosa.*

Lymantria fuliginosa, Moore, P. Z. S. 1883, p. 17; Swinhoe, Trans. Ent. Soc. 1903, p. 488 (note).

Type, ♂ ♀, Bombay, in B.M.; Ceylon; bred by me in Bombay, Khandalla, Salsette.

997. *Liparis velutina.*

Orgyia (*Dasichira*) *velutina*, Mab. Bull. Soc. Zool. France, iii. p. 90 (1878).

Madagascar.

998. *Liparis aurora.*

Lymantria aurora, Butler, Ann. & Mag. Nat. Hist. (4) xx. p. 403 (1877); Butler, Ill. Het. ii. pl. xxiv. fig. 5 (1878); Swinhoe, *l. c.* p. 488 (note); Wileman, The Philipp. Journ. of Science, xiii. (4) p. 156, pl. i. fig. 7 (1918).
Lymantria aurora, var. *fusca*, Leech, P. Z. S. 1888, p. 629, pl. xxxi. fig. 9.

Types, ♂ ♀, Japan; type, *fusca*, Nagahama: all in B.M. Yokohama, Formosa.

999. *Liparis mathura.*

Lymantria mathura, Moore, P. Z. S. 1865, p. 806; Strand, *l. c.* p. 128, pl. xx. *e*.

Type, ♂, N. India, in B.M.; Kangra, Dehra Doon, Sikkim, Khasia Hills, Loochoo Isls., Chefoo, China, Omeishan.

1000. *Liparis viola.*

Lymantria viola, Swinhoe, P. Z. S. 1889, p. 406.

Types, ♂ ♀, Thanna, Bombay, in B.M.; Wangi, Bombay, Jubbulpur.

1001. *Liparis grandis.*

Lymantria grandis, Walker, iv. p. 874, ♀ (1855); Butler, *l. c.* p. 57, pl. xci. figs. 1, 2, ♂ ♀.
Lymantria maculosa, Walker, iv. p. 881, ♂.
Lymantria metarhoda, Walker, xxxii. p. 365, ♂ (1865).

Type, ♀, Ceylon; type, *maculosa*, labelled N.S.W., *ex errore*: both in B.M. Type, ♀, *metarhoda*, Ceylon, in Mus. Oxon.

1002. *Liparis singapura.*

Lymantria singapura, Swinhoe, Ann. & Mag. Nat. Hist. (7) xvii. p. 547 (1906).

Type, ♂, Singapore, in B.M.

1003. *Liparis subrosea.*

Lymantria subrosea, Swinhoe, Trans. Ent. Soc. 1903, p. 489.
Lymantria rosea, Hmpsn. Ill. Het. iv. p. 76, pl. clviii. fig. 28 (1893) (præocc.).

Type, ♂, Ceylon, in B.M.

1004. *Liparis lucescens.*

Porthetria lucescens, Butler, Trans. Ent. Soc. 1881, p. 11.

Type, ♂, Hakodate, Japan, in B.M.; Tokio, Oiwake.

1005. *Liparis flavonigra.*

Lymantria flavonigra, Joicey, Noaks, & Talbot, Trans. Ent. Soc. 1915, p. 382, pl. lxi. figs. 12 ♂, 13 ♀.

Types, ♂ ♀, Arfak Mts., Dutch N. Guinea, in Coll. Joicey.

1006. *Liparis maculata.*

Lymantria maculata, Semper, Het. Philipp. p. 462, pl. liv. fig. 1, ♂ (1898).

Type, ♂, Philippines, in Coll. Semper.

1007. *Liparis loacana.*

Lymantria loacana, Semper, *l. c.* p. 462.

Type, N.W. Luzon, Philippines, in Coll. Semper.

1008. *Liparis nigrostriata.*

Lymantria nigrostriata, Kenrick, Trans. Ent. Soc. 1913, p. 597.

Type, ♂, Madagascar, in B.M.

1009. *Liparis manicata.*

Lymantria manicata, Aurivill. Ent. Tidskr. xiii. p. 193, *g* (1892).

Type, Cameroons, in Upsala Mus.; Old Calabar, River Niger.

1010. *Liparis xylina.*

Lymantria xylina, Swinhoe, Trans. Ent. Soc. 1903, p. 490.

Type, ♂, Formosa, in B.M.

1011. *Liparis galinara.*

Lymantria galinara, Swinhoe, *l. c.* (note).

Type, ♂ ♀, Singapur, in B.M.; Bali, Jambak, Borneo.

1012. *Liparis lepcha.*

Porthesia lepcha, Moore, Lep. Atk. p. 54, ♂ (1879).
Barhona carneola, Moore, *l. c.* p. 56, ♀.

Types, ♂ ♀, Sikkim, in B.M.

1013. *Liparis marginalis.*

Lymantria marginalis, Walker, Journ. Linn. Soc. vi. p. 131 (1862).

Type, Sarawak, in Mus. Oxon.

1014. *Liparis brunneiplaga.*

Lymantria brunneiplaga, Swinhoe, *l. c.* p. 491 (note).

Types, ♂ ♀, Java, in B.M.; Borneo, Sumatra, Penang.

1015. *Liparis lunata.*

Bombyx lunata, Stoll, Pap. Exot. iv. pl. ccclxix. fig. C (1782).
Pegella ichorina, Butler, Ann. & Mag. Nat. Hist. (5) xiii. p. 201 (1884).

Type. *ichorina*, Amboina, in B.M.; N. Guinea, Celebes, Java, Aru.

1016. *Liparis curvifera.*

Pegella curvifera, Walker, xxxv. p. 1922 (1866); ♀, not ♂, as stated by Walker.
Lymantria curvifera, Swinhoe, *l. c.* p. 491 (note).
Lymantria lunata, Semper (nec Stoll), Het. Philipp. p. 461, pl. N. figs. 5, 7, larva and pupa (1898).

Type, ♀ (nec ♂), Philippines, in B.M.; Gilolo, Batjan.

1017. *Liparis asætria.*

Lymantria asætria, Hübner, Samml. Exot. Schmett. ii. figs. 1, 4 (1818).
Dasychira antica, Walker, vii. p. 1739, ♀ (1856).
Lymantria pramesta, Moore, Cat. Lep. E. I. Co. ii. p. 344, pl. ix. *a*, fig. 3 (1859).

Types, *pramesta* and *antica*, ♂ ♀, Java, in B.M.; Moulmein, Thyetmyo.

1018. *Liparis narinda.*

Lymantria narinda, Moore, *l. c.* p. 342; Swinhoe, *l. c.* p. 492 (note).
Lymantria hilaris, Voll. Tijd. v. Ent. vi. p. 143, pl. x. figs. 2, 3 (1863).

Type, ♂, Java, in B.M.; Sumatra.

1019. *Liparis grisea.*

Lymantria grisea, Moore, Lep. Atk. p. 55, pl. iii. fig. 5 (1879).

Type, ♀, Darjiling, in B.M.; Khasia Hills, Chin Hills, Burma.

1020. *Liparis silca.*

Lymantria silca, Swinhoe, Ann. & Mag. Nat. Hist. (7) xii. p. 197 (1903).

Types, ♂ ♀, Fergusson Isl., in B.M.; Milne Bay, Kapaur, N. Guinea.

1021. *Liparis novoguineensis.*

Lymantria novoguineensis, Beth.-Baker, Nov. Zool. xi. p. 407, pl. vi. fig. 35 (1904).

Type, Ekeikei, N. Guinea, in Coll. Bethune-Baker.

1022. *Liparis ganara.*

Lymantria ganara, Moore, Cat. Lep. E. I. Co. ii. p. 344 (1859).

Type, ♂, Java, in B.M.; Sumatra, Borneo, Singapore, Burma.

1023. *Liparis bivittata.*

Pegella bivittata, Moore, Lep. Atk. p. 57 (1879).

Type, ♀, Darjiling, in B.M.; Sikkim, Sylhet, all females. The ♂ is unknown, it is sure to be very similar to the male of *ganara*.

1024. *Liparis vacillans.*

Lymantria vacillans, Walker, iv. p. 873 (1855).

Type, ♂, Congo, in B.M.

1025. *Liparis dulcinea.*

Lymantria dulcinea, Butler, Cist. Ent. ii. p. 12 (1882).

Types, ♂ ♀, Madagascar, in B.M.

1026. *Liparis rosea.*

Lymantria rosea, Butler, Ann. & Mag. Nat. Hist. (5) iv. p. 239 (1879).

Types, ♂ ♀, Madagascar, in B.M.

1027. *Liparis lugardi.*

Lymantria lugardi, Swinhoe, Trans. Ent. Soc. 1903, p. 493.

Types, ♂ ♀, N'Gami Country, in B.M.

1028. *Liparis bananæ.*

Lymantria bananæ, Butler, P. Z. S. 1896, p. 848, pl. xlii. fig. 9.

Type, ♂, Nyassaland, in B.M.; Massai.

1029. *Liparis tottea.*

Lymantria tottea, Swinhoe, *l. c.* p. 494.

Type, ♂, Old Calabar, in B.M.

1030. *Liparis mosera.*

Lymantria mosera, Druce, Ann. & Mag. Nat. Hist. (7) i. p. 208 (1896).

Types, ♂ ♀, Delagoa Bay, in Coll. Joicey; Natal, Durban, Rhodesia.

1031. *Liparis eddela.*

Lymantria eddela, Swinhoe, *l. c.*

Type, ♂, Ewanbo, Tanganyika, in B.M.

1032. *Liparis carriola.*

Lymantria carriola, Swinhoe, *l. c.* p. 498.

Type, ♀, Angola, in B.M.

1033. *Liparis gondona.*

Lymantria gondona, Swinhoe, *l. c.*

Type, ♀, Saraki Valley, Brit. E. Africa, in B.M.

1034. *Liparis reducta.*

Darala reducta, Walker, iv. p. 888 (1855).
Lymantria reducta, Turner, Proc. Linn. Soc. N.S.W. (4) xlv. p. 491 (1920).

Type, ♂, N. Australia, in B.M.; Cunnamulla, Lismore, N.S.W.

1035. *Liparis binotata.*

Lymantria binotata, Butler, Trans. Ent. Soc. 1886, p. 386, pl. ix. fig. 3; Turner, *l. c.*

Type, ♂, Peak Downs, in B.M.; Port Darwin.

1036. *Liparis parva.*

Lymantria parva, Walker, xxxii. p. 368 (1865).

Type, Timor, in Mus. Oxon.

1037. *Liparis thomsoni.*

Lymantria thomsoni, Druce, Ann. & Mag. Nat. Hist. (7) i. p. 209 (1898).

Type, ♀, Mongo-na-lobah, W. Africa, in Coll. Joicey.

1038. *Liparis parvula.*

Lymantria parvula, Kenrick, Trans. Ent. Soc. 1913, p. 597, pl. xxxii. fig. 29.

Type, ♀, Madagascar, in Coll. Kenrick.

1039. *Liparis simplex.*

Lymantria simplex, Pag. Jahrb. Nass. Ver. xxxix. p. 132 (1886).

Aru.

The following species of *Liparis* are taken from Kirby's Catalogue. I am not acquainted with them:—

1040. *Lyparis brotea.*

Bombyx brotea, Stoll, Pap. Exot. iv. pl. cccxxii. E (1781).
Lymantria brotea, Kirby, Cat. Moths, i. p. 478 (1892).

Coromandel.

1041. *Liparis basinigra.*

Lymantria basinigra, Moore, P. Z. S. 1865, p. 805; Kirby, *l. c.* p. 479.

Bengal.

1042. *Liparis* (?) *rhodalipha.*

Arctia rhodalipha, Felder, Reise Nov. pl. c. fig. 25 (1868).
Lymantria (?) *rhodalipha*, Kirby, *l. c.*

Type, Cape, in Coll. Rothschild.

1043. *Liparis rufopunctata.*

Lymantria rufopunctata, Walker, Trans. Ent. Soc. 1862, p. 265; Kirby, *l. c.*

Natal.

1044. *Liparis subfusca.*

Liparis subfusca, Boisd. Voy. Delegorgne, ii. p. 598 (1847).
Lymantria subfusca, Kirby, *l. c.*

Amazulu.

1045. *Liparis melanocera.*

Liparis melanocera, Mab. Bull. Soc. Ent. France, iii. p. 89 (1878).
Lymantria melanocera, Kirby, *l. c.*

Madagascar.

1046. *Liparis vitrina.*

Liparis vitrina, Mab. *l. c.*
Lymantria vitrina, Kirby, *l. c.*

Madagascar.

1047. *Liparis lutea.*

Liparis lutea, Boisd. *l. c.* p. 139.
Lymantria (?) *lutea*, Kirby, *l. c.*

Amazulu.

1048. *Liparis heptasticta.*

Liparis heptasticta, Mab. *l. c.* p. 90.
Lymantria heptasticta, Kirby, *l. c.*

Madagascar.

1049. *Liparis rhodophora.*

Liparis rhodophora, Mab. Soc. Philom. (7) iii. p. 137 (1879).
Lymantria rhodophora, Kirby, *l. c.*

Madagascar.

Genus Ocneria, Hübner, Verz. bek. Schmett. p. 158 (1822).

1050. *Ocneria detrita.*

Bombyx detrita, Esper, Schmett. Eur. iii. (2) p. 229, pl. xliv. fig. 6 (1785).
Ocneria detrita, Strand, *l. c.* p. 131, pl. li. *c.*

Germany, Austria, Hungary, Bukovina, Bulgaria, Sarepta, Taurus, France.

1051. *Ocneria terebynthi.*

Bombyx terebynthi, Fryer, Neu Beitr. iii. p. 110, pl. cclxxii. fig. 1 (1837).
Ocneria unicolor, Staud. Iris, vii. p. 260.
Ocneria terebynthi, Strand, *l. c.* pl. xxi. *b.*

Asia Minor, Balkans, Armenia, Mesopotamia.

1052. *Ocneria terebynthina.*

Ocneria terebynthina, Staud. *l. c.* p. 259.

Mesopotamia.

1053. *Ocneria raddei.*

Ocneria raddei, Christoph. Rom. Mem. Lep. i. p. 10, pl. i. figs. 3, 4 (1885); Strand, *l. c.* p. 132, pl. xxi. *b.*

Transcaucasia, Mesopotamia.

1054. *Ocneria flavipalpata.*

Ocneria flavipalpata, Staud. Iris, viii. p. 296; Strand, *l. c.* pl. xxi. *b.*

Valley of the Jordan.

1055. *Ocneria signatoria.*

Ocneria signatoria, Chris. Iris, vi. p. 88; Strand, *l. c.* pl. xxi. *b.*
Ocneria poenitens, Staud. Iris, xii. p. 162.

Transcaucasia, Turkestan, Palestine.

1056. *Ocneria signatoria nisseni.*

Lymantria nisseni, Roths. Nov. Zool. xix. p. 125 (1912).
Lymantria signatoria algirica, Oberthür, Etude Comp. fasc. xi., April 1916.
Ocneria signatoria nisseni, Roth. Nov. Zool. xxiv. p. 358 (1917).

Algeria.

1057. *Ocneria rubea.*

Bombyx rubea, Fabr. Mant. Ins. ii. p. 117 (1787).
Ocneria rubrior, Fuchs. Jahrb. Ver. Nass. Nat. liii. p. 45.
Ocneria rubea, Strand, *l. c.* pl. xxi. *c.*

Rheingau, Spain, France, Italy, Tyrol, Moravia, Austria, Hungary, Transsylvania, Dalmatia, N.W. Africa.

1058. *Ocneria* (?) *nora.*

Ocneria nora, Staud, Iris, viii. p. 112.

Taurus.

1059. *Ocneria* (?) *samarita.*

Ocneria samarita, Staud. Iris, viii. p. 204.
Ocneria (?) *samarita*, Strand, *l. c.* pl. xxi. *c.*

Palestine.

1060. *Ocneria* (?) *ledereri.*

Ochneria ledereri, Mill. Icon. ii. p. 451; Strand, *l. c.* pl. xxii. *h.*

Sicily.

1061. *Ocneria* (?) *amabilis.*

Ocneria amabilis, Christ. Rom. Mém. Lép. iii. p. 60.
Ocneria (?) *amabilis*, Strand, *l. c.* pl. xxi. *d.*

Askhabad.

1062. *Ocneria heliaspis.*

Ocneria heliaspis, Meyrick, Trans. Roy. Soc. S. Australia, xiv. p. 192 (1891).

N.S. Wales.

Genus Ochnerogyia, Staud. Iris, iv. p. 254.

1063. *Ochnerogyia amanda.*

Ochnerogyia amanda, Staud. *l. c.*

Mesopotamia.

Genus Albarracina, Staud. Stett. ent. Zeit. xliv. p. 180 (1883).

1064. *Albarracina korbi.*

Bombyx korbi, Staud. *l. c.* p. 179.
Albarracina korbi, Staud. *l. c.* p. 180; Strand, *l. c.* pl. xxi. *d.*

Albarracin, East Central Spain.

1065. *Albarracina syriaca.*

Albarracina syriaca, Standfus, Iris, ii. p. 266; Strand, *l. c.* pl. xxii. *h.*
Var. *deundulata*, Strand, *l. c.* p. 133.

Jaffa in Syria, Tunis.

1066. *Albarracina baui.*

Albarracina baui, Standfus, *l. c.*

Palestine, Syria.

1067. *Albarracina* (?) *vandalicia.*

Bombyx vandalicia, Mill. Ann. Soc. Linn. Lyon, (2) xii. p. 437, pl. vi. figs. 6, 7 (1866).
Albarracina (?) *vandalicia*, Kirby, Cat. Moths, i. p. 838 (1892).

Spain.

1068. *Albarracina warrionis.*

Bombyx warrionis, Oberth. Etude Ent. vi. p. 75, pl. ii. fig. 6 (1881).

Algeria, in Coll. Oberthür.

Genus Oreinobia, Wallgrn. K. Vet.-Akad. Handl. (2) v. (i.) p. 34 (1865).

1069. *Oreinobia scurrilis.*

Psilura scurrilis, Wallgrn. Wien. ent. Mon. iv. p. 163 (1860).
Oreinobia scurrilis, Wallgrn. Vet.-Akad. Handl. (2) v. (i.) p. 34.
Oreinobia scurrilis, Kirby, *l. c.* p. 480.

S. Africa.

Genus Palasea, Wallgrn. *l. c.* p. 35.

1070. *Palasea albimacula.*

Palasea albimacula, Wallgrn. *l. c.*; Kirby, *l. c.*

Caffraria.

Genus Imaus, Moore, Lep. Atk. p. 54 (1879).

1071. *Imaus mondus.*

Lymantria munda, Walker, iv. p. 875 (1855).
Imaus mundus, Moore, *l. c.*
Lymantria gomara, Moore, Cat. Lep. E. I. Co. ii. p. 344 (1859).

Type, ♀, Sylhet, in B.M.; Sikkim, Java.

1072. *Imaus dasychiroides.*

Imaus dasychiroides, Roths. Journal of the F.M.S. Mus. p. 133 (1920).

Type, W. Sumatra, in Coll. Rothschild.

1073. *Imaus malgassica.*

Imaus malgassica, Kenrick, Trans. Ent. Soc. 1913, p. 599, pl. xxxii. fig. 35.

Type, ♂, Madagascar, in Coll. Kenrick.

1074. *Imaus nepcha.*

Imaus nepcha, Joicey & Talbot, Ann. & Mag. Nat. Hist. (8) xx. p. 57, pl. i. fig. 12 (1917).

Type, ♂, Dutch N. Guinea, in Coll. Joicey.

1075. *Imaus basistriga.*

Imaus basistriga, Joicey & Talbot, *l. c.* p. 58, pl. i. fig. 13.

Type, ♂, Dutch N. Guinea, in Coll. Joicey.

Genus Dura, Moore, Lep. Atk. p. 56 (1879).

Dasychiroides, Beth.-Baker, Nov. Zool. 1904, p. 406.

1076. *Dura alba.*

Dura alba, Moore, *l. c.*

Type, ♂, Darjiling, in Coll. Staudinger; type, ♀, Darjiling, in B.M.; Sikkim, Khasia Hills, Tonkin, Philippines.

1077. *Dura amplipennis.*

Lymantria amplipennis, Walker, xxxii. p. 367 (1865).

Type, N. Guinea, in Mus. Oxon.

1078. *Dura albicans.*

Dasychira albicans, Walker, vii. p. 1730 (1856).

Type, ♀, Celebes, in B.M.; Borneo, Singapore.

1079. *Dura obsoleta.*

Dasychiroides obsoleta, Beth.-Baker, Nov. Zool. xi. p. 406, pl. vi. fig. 43, ♂ (1904); Joicey & Talbot, Ann. & Mag. Nat. Hist. (8) xx. p. 58, pl. i. fig. 4, ♀.

Type, ♂, N. Guinea, in Coll. Bethune-Baker; type, ♀, N. Guinea, in Coll. Joicey.

1080. *Dura marginepunctata.*

Imaus marginepunctata, Beth.-Baker, Nov. Zool. 1904, p. 410.
Dura marginepunctata, Turner, Proc. Linn. Soc. N.S.W. xlv. (4) p. 489 (1920).

Type, N. Guinea, in Coll. Bethune-Baker; Cairns, N. Queensland, Atherton.

1081. *Dura ochrias.*

Imaus ochrias, Turner, Proc. Roy. Soc. S. Australia, xxx. p. 126 (1906).
Dura ochrias, Turner, Proc. Linn. Soc. N.S.W. xlv. (4) p. 489 (1920).

Type, ♀, Thursday Isl., in Coll. Lyell; Cairns.

1082. *Dura pratti.*

Dasychiroides pratti, Beth.-Baker, *l. c.* p. 406, pl. vi. fig. 7.
Dura pratti, Turner, *l. c.*

Type, N. Guinea, in Coll. Bethune-Baker; Kuranda, near Cairns.

1083. *Dura prionodesma.*

Dura prionodesma, Turner, *l. c.*

Type, ♂, Port Darwin, N. Australia, in Coll. Lyell.

1084. *Dura inhonorata.*

Lymantria inhonorata, Hopff. Stett. ent. Zeit. xxxv. p. 44 (1874).
Dura (?) *inhonorata*, Kirby, Cat. Moths, i. p. 481 (1892).

Celebes.

Genus Pyramocera, Butler, Journ. Linn. Soc. xv. p. 85 (1880).

1085. *Pyramocera fuliginea.*

Pyramocera fuliginea, Butler, *l. c.* (fig.).

Types, ♂ ♀, Madagascar, in B.M.

1086. *Pyramocera barica.*

Liparis barica, Mab. Bull. Soc. Zool. France, iii. p. 90 (1878).
Pyramocera barica, Kirby, *l. c.*

Madagascar.

1087. *Pyramocera tephra.*

Orgyia tephra, Herr.-Schäff. Aussereur. Schmett. i. p. 387 (1855).
Pyramocera (?) *tephra*, Kirby, *l. c.* p. 923.

Cape.

1088. *Pyramocera fumosa.*

Lymantria fumosa, Saalm. Lep. Madag. i. p. 188, pl. vi. figs. 79, 79 *a* (1884).
Pyramocera fumosa, Kirby, *l. c.*

Nossi Bé.

1089. *Pyramocera uxor.*

Lymantria uxor, Saalm. *l. c.* p. 190 (1884).
Pyramocera uxor, Kirby, *l. c.*

Nossi Bé.

Species wrongly referred to the Family.

1090. *Aroa exoleta*, Swinhoe, Cat. Het. Mus. Oxon. i. p. 197, pl. vi. fig. 18.

1091. *Euproctis pelodes*, Lower, Proc. Roy. Soc. Queensland, 1892, p. 77 (Notodontidæ).

1092. *Teara erebodes*, Lower, Trans. Roy. Soc. S. Australia, xvi. p. 14 (1892) = *Ochrogaster contraria*, Walker (1855) (Notodontidæ).

1093. *Teara coralliphora*, Lower, Proc. Linn. Soc. N.S.W. 1900, p. 32 (Notodontidæ).

Genera in Kirby's Catalogue wrongly included in the Liparidæ.

1094. *Comana*, Walker, xxxii. p. 495.

1095. *Xanthodura*, Butler, Ann. & Mag. Nat. Hist. (5) v. p. 384.

1096. *Œnosandra*, Newman, Trans. Ent. Soc. 1856, p. 286 (Notodontidæ).

1097. *Marcipa*, Walker, iv. p. 807.

1098. *Epipyrops*, Westwood, Proc. & Trans. Ent. Soc. 1876, pp. xxiv, 522.

1099. *Sarsina*, Walker, iv. p. 800.

1100. *Geodena*, Walker, vii. p. 1691 (Aganaidæ).

1101. *Soloë*, Walker, ii. p. 557 (Aganaidæ).

1102. *Isine*, Walker, ii. p. 543 (Lithosiidæ).

1103. *Lerna*, Walker, xxxiii. p. 805 (Lithosiidæ).

1104. *Cypra*, Boisd. Voy. de l'Astrolabe, p. 201 (Boarmiidæ).

1105. *Deroca*, Walker, iv. p. 822 (Drepanidæ).

1106. *Trichetra*, Westwood, Mod. Class. Ins. Gen. Syn. p. 92 (Eupterotidæ).

1107. *Marane*, Walker, xxxii. p. 397 (Eupterotidæ).

1108. *Apina*, Walker, iii. p. 756 (Noctuidæ).

1109. *Phiala*, Wallengr. Wien. ent. Mon. iv. p. 165 (Eupterotidæ).

1110. *Raphipeza*, Butler, Ann. & Mag. Nat. Hist. (5) v. p. 386 (Lasiocampidæ).

1111. *Chrysopsyche*, Butler, *l. c.* p. 387 (Lasiocampidæ).

1112. *Trisula*, Moore, Cat. Lep. E. I. Co. ii. p. 420 (Noctuidæ).

1113. *Trisuloides*, Butler, Ann. & Mag. Nat. Hist. (5) vii. p. 36 (Noctuidæ).

1114. *Rhanidophora*, Wallgrn. Œfv. Vers. Vet.-Akad. Förh. xv. p. 213 (Noctuidæ).

1115. *Amsacta*, Walker, iv. p. 804 (Arctiidæ).

1116. *Teara*, Walker, iv. p. 816 (Eupterotidæ).

1117. *Ochrogaster*, Felder, Reise Nov. pl. xciv. fig. 5 (Eupterotidæ).

1118. *Sitina*, Walker, iv. p. 854 (Lasiocampidæ).

1119. *Callia*, Walker, iv. p. 854 (Lasiocampidæ).

1120. *Amana*, Walker, iii. p. 661 (Uraniidæ).

1121. *Vunga*, Walker, xxxii. p. 453 (Boarmiidæ).

1122. *Beralade*, Walker, iv. p. 852 (Lasiocampidæ).

1123. *Cebysa*, Walker, ii. p. 486 (Tineidæ).

1124. *Castula*, Walker, ii. p. 561 (Lithosiidæ).

1125. *Cluaca,* Walker, xxxi. p. 268 (Lithosiidæ).

1126. *Lecriolepis*, Butler, Ann. & Mag. Nat. Hist. (5) v. p. 385 (Lasiocampidæ).

1127. *Laganda*, Walker, xxxii. p. 389 (Bombycidæ).

1128. *Ticilia,* Walker, xxxii. p. 394 (Drepanidæ).

1129. *Cosmethis*, Hübner, Verz. Schmett. p. 179 (Boarmiidæ).

1130. *Cozistra*, Walker, xxxii. p. 342 (1865) (Boarmiidæ).

XLIII.—*Some Bees from British Guiana.*

By T. D. A. Cockerell, University of Colorado.

The bees of the Guianas were collected long ago, and many of the commoner or more conspicuous species described by the earlier authors. Thus it happens that a small collection from this region will usually contain a number of the species of Linnæus, Fabricius, Olivier, Lepeletier, F. Smith, &c., and one readily gets the idea that the fauna is well-known. In later years, however, collections have been few, and such authors as Vachal, Friese, Schrottky, Ducke, and others have apparently had little material from this part of South America. The collection now reported on represents those species, received by the Imperial Bureau from British Guiana, which could not be readily identified at the British Museum. I am greatly indebted to Dr. G. A. K. Marshall for the opportunity to study them, and permission to retain some duplicates, which will eventually go to the U.S. National Museum. It will be seen that there are many novelties, but they do not represent fundamentally new types, but rather representative or local species of groups well-known from other parts of South America.

Ptiloglossa ducalis lucernarum, subsp. n.

♀.—Length about 17·5 mm.

Black, with the labrum dark red (clypeus entirely black), mandibles dark red in middle except above, first abdominal segment ferruginous, with the apical margin broadly bluish green, second segment steel-blue, greenish toward the base, third similarly coloured, fourth blue-green apically and red at extreme (covered) base ; flagellum, except basal joint, dusky ferruginous beneath, the oblique apical truncation